Index of Claims

Application No.

09/976,252

Examiner

Applicant(s)

SIEGEL ET AL.

Art Unit

Helene Klemanski

1755

Rejected Allowed

(Through numeral) Cancelled

Restricted

N Interference

Non-Elected

Α

o

**Appeal** 

Objected

|          |  |  |  |  |  |          |  | -        |  |                 |  |
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| Claim    |  |  |  |  |  |          |  |          |  |                 |  |
| Cla      | Date   |  |  |  |  |          |  |          |  |                 |  |
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| <u></u>  | Original   | 5/3/04   | İ  |  |  |          |  | ľ        |  |                 |  |
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|          | 3  |  |  |  |  |          |  |          |  |                 |  |
| _        | 4  |  |  |  |  |          |  |          |  | $\neg$          |  |
| <b> </b> | 1  | <del>                                     </del> | -  |  |  | _        |  |          |  | -               |  |
|          | 7  |  |  |  |  |          | _  |          | -i   |                 |  |
| <u> </u> | 9  |  |  |  |  | _        |  |          | -  |                 |  |
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|          | 10   |  |  |  |  |          |  |          |  |                 |  |
|          | 1  | 1  |  |  |  |          |  |          |  | $\neg$          |  |
| <b></b>  | 12   | <del> </del>                                     |  | $\vdash$   |  |          |  | <u> </u> |  | -               |  |
| -        | 1/2  |  | -  | $\vdash$   |  | -        | -  | $\vdash$ |  | $\vdash$        |  |
|          | 13   | <b> </b>   | <u> </u>   | _  |  | -        | -  | -        |  |                 |  |
|          | 14   | <u> </u>   |  | Ш  |  | ļ        | _  | _        | <u> </u>   |                 |  |
| L        | 1 2 3 4 5 6 7 7 8 P 10 11 12 13 14 15 16 17 18 19 20 21 12 22 23 | L  |  |  |  |          |  | L        |  |                 |  |
|          | 16   |  |  |  |  |          |  |          |  |                 |  |
|          | 17   | Ì  |  |  |  |          |  |          |  |                 |  |
|          | 18   | -  | <del> </del>                                     | -  |  |          |  |          |  | H               |  |
|          | 16   | +-   | t  | $\vdash$   |  |          |  |          | <del>                                     </del> |                 |  |
|          | 19   | ├  | -  |  |  |          | ├  | ├        | ├  | $\vdash$        |  |
|          | 40   | ļ  | _  |  |  | <u> </u> |  | -        | ļ  | $\vdash$        |  |
|          | 21   | <u> </u>   | ļ  |  |  |          | 1_   | L.       | ļ  | Ш               |  |
|          | 22   | =  |  |  |  |          |  |          |  | Ш               |  |
|          | 23   | =  |  |  |  |          | 1  | 1        | 1  |                 |  |
|          | 24   | =  |  |  |  |          |  |          |  |                 |  |
|          | 24<br>25<br>26<br>27<br>28<br>29                                 | =  | t  |  |  | _        |  | 1        |  | П               |  |
|          | 26   | $\vdash$   | -  | <del>  -                                    </del> |  | -        | -  | -        | $\vdash$   | $\vdash$        |  |
|          | 27   | +-   | ├  |  | -  | ├        | -  | -        | -  |                 |  |
|          | 21   | =  | ↓  | <b>├</b>   | <del> </del>                                     | ┢        | <del> </del>                                     |          | $\vdash$   |                 |  |
| L        | 28   | =  |  | L_   | L_   | 1        | <u>L</u>   | <u> </u> | ↓  | 1               |  |
|          | 29   | =  |  |  |  |          |  | L        |  |                 |  |
|          | 30   | =  |  | 1  | ŀ  |          |  |          | 1  | .               |  |
|          | 31   | =  | T  | 1  |  |          | Г  |          |  |                 |  |
|          | 32   | =  | <del>                                     </del> | T  |  | T        | T  | T        | Т  | $\sqcap$        |  |
| -        | 32<br>33   | +=   | +  | $\vdash$   | †  | $\vdash$ | 1  | $\vdash$ | $\vdash$   | $\vdash$        |  |
| -        | 23   | +-   | ╁  | ┼-   | -  | $\vdash$ | +  | +-       | +  | $\vdash$        |  |
|          | 34   | =  | $\vdash$   |  | <b>├</b> ─                                       | 1        | $\vdash$   | -        | $\vdash$   | $\vdash$        |  |
| <u> </u> | 35<br>36   | <del> </del>                                     | +  | ₩  | -  | -        | $\vdash$   |          | $\vdash$   | $\vdash$        |  |
|          | 36   | 1  | ļ  | <u> </u>   | <u></u>  | _        | $\perp$  | 上        | $\perp$  | $\sqcup$        |  |
|          | 37   | L  | L  | L  | L  |          |  |          | L  |                 |  |
|          | 38   | Г  | Γ  |  |  |          | 1  |          |  |                 |  |
|          | 39   | 1  |  | 1  |  |          | 1  | 1        |  |                 |  |
| -        | 40   | +-   | †  | t  | <del>                                     </del> | 1        | <del>                                     </del> | T        | 1  |                 |  |
| -        | 41   | +-   | +  | +-   | $\vdash$   | +        | +  | $\vdash$ | +-   | $\vdash \vdash$ |  |
|          | 41   | +  | +  | -  | 1-   | ╁        | -  | +-       | +  | $\vdash\vdash$  |  |
|          | 42   | 1  | ļ.,  | 1  | <u> </u>   | ╁        | 1  | ╀-       | +  | <b>├</b>        |  |
| L_       | 43   | 1_   | $\perp$  |  | <u> </u>   | ↓_       | _  | ļ.,      | 1_   | $\sqcup$        |  |
|          | 44   |  | L  | L  | L  |          | L  | 1        |  |                 |  |
|          | 45   | T  | Τ  |  |  |          |  | Г        |  |                 |  |
|          | 46   | $\top$   | 1  | T  | Π  | 1        | 1  | 1        | Τ  | $\Box$          |  |
|          | 47   | +  | 1  | $\vdash$   | T  | +-       | +  | † -      | +-   | $\top$          |  |
|          |  | +  | +  | $\vdash$   | +  | +-       | +  | +        | +  | ++              |  |
| -        | 48   | +  | +  | 1-   | ┼-   | +        | +  | +        | +-   | +               |  |
| L        | 49   |  | 1_   | <u></u>  | L_   |          |  |          | 1  | $\perp$         |  |

| Claim        |  | Date         |                   |          |  |  |                                     |          |              |              |  |  |
|--------------|--|--------------|-------------------|----------|--|--|-------------------------------------|----------|--------------|--------------|--|--|
|              | 1  |              |                   |          |  |  |                                     |          |              |              |  |  |
| _            | <u>a</u>   |              |                   |          | 1  |  |                                     |          | -            |              |  |  |
| Final        | Original   |              |                   |          |  |  |                                     |          | -            |              |  |  |
| II.          | Di   |              |                   |          |  |  |                                     | -        |              | ļ            |  |  |
|              | i i  |              |                   | L        |  |  |                                     |          |              |              |  |  |
|              | 51   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 52   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 52<br>53   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 54   | _            | _                 | -        | <del>                                     </del> |  | $\vdash$                            | -        |              | $\dashv$     |  |  |
|              | 55   | _            |                   |          | -  |  |                                     | -+       | -            |              |  |  |
|              | 55   |              | _                 |          | -  |  |                                     | -+       | -            | $\dashv$     |  |  |
|              | 56   | <u> </u>     | <u> </u>          | ļ.,      | <u> </u>   | ļ  |                                     |          |              | -            |  |  |
|              | 57   |              |                   |          | L.   |  | Ш                                   | _        | _            |              |  |  |
|              | 58   |              |                   |          | L.   |  | Ш                                   |          |              |              |  |  |
|              | 59   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 60   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 61   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 62   |              |                   |          | Ι  | Γ  | П                                   |          |              |              |  |  |
|              | 63   |              | $\vdash$          | t –      |  | †  |                                     |          |              |              |  |  |
| l            | 64   |              | $\vdash$          | $\vdash$ | +-   | $\vdash$   | H                                   | $\neg$   |              |              |  |  |
| <del> </del> | 65   |              |                   | ╁        | $\vdash$   | <del>                                     </del> | $\vdash$                            |          | -            |              |  |  |
| <u> </u>     | 00   | -            | -                 |          | -  | ├  | Н                                   |          |              | <u> </u>     |  |  |
|              | 66   | <u> </u>     | L.                |          | -  | ļ.,  |                                     |          |              |              |  |  |
|              | 67   |              | $ldsymbol{f eta}$ | ļ        | ┞  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |              |              |  |  |
|              | 68   | ļ            | _                 | <u> </u> | $\perp$  | <u> </u>   |                                     |          |              | ļ            |  |  |
|              | 69   |              | L                 | <u> </u> |  |  |                                     |          |              |              |  |  |
| •            | 70   |              |                   |          | <u> </u>   | 1  |                                     |          |              |              |  |  |
|              | 71   | l            |                   |          |  |  |                                     |          |              |              |  |  |
|              | 72   |              |                   |          | Γ  |  |                                     |          |              |              |  |  |
|              | 73   | Г            |                   | Π        |  |  |                                     |          |              |              |  |  |
|              | 71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 75   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 76   |              |                   |          |  |  |                                     |          |              |              |  |  |
|              | 77   |              |                   | Г        |  |  |                                     |          |              |              |  |  |
| ļ            | 78   |              | <b>†</b>          | 1        |  |  |                                     |          |              |              |  |  |
|              | 79   |              |                   | t        | ╈  | T  |                                     |          |              |              |  |  |
|              | 80   | $\vdash$     | 1-                | +-       | +  |  | -                                   |          |              | _            |  |  |
| -            | 81   | ╁╌           | ╁                 | H        | +  | +  | $\vdash$                            | -        |              | ╁            |  |  |
|              | 02   | +            | -                 | +        | ╁  | +-   | -                                   |          | $\vdash$     | -            |  |  |
|              | 82<br>83   | -            | ╁╌                | +        | ╁╌   | +-   | 1                                   | ├        |              | $\vdash$     |  |  |
|              | 03   | +            | +-                | +        | +  | +-   | -                                   | $\vdash$ |              | $\vdash$     |  |  |
| -            | 84<br>85   | ┼            |                   | +-       | +  | +  | +-                                  | -        | $\vdash$     | $\vdash$     |  |  |
| <u> </u>     | 80   | -            | -                 | +        | +  | $\vdash$   | $\vdash$                            | $\vdash$ | -            | 1            |  |  |
|              | 86   | -            | -                 | +        | +-   | +  | <del> </del> -                      | <u> </u> | ⊢            | $\vdash$     |  |  |
|              | 87   | <del> </del> | ₩                 | +        | +  | -  |                                     | ├        | ├-           | <del> </del> |  |  |
| <u></u>      | 88   | 4_           | 4_                | +-       | +  | 1  | <del> </del>                        | <u> </u> | -            | 1            |  |  |
|              | 89   | 1_           | 1                 | $\perp$  | 4  | 1  | <u> </u>                            | ┞        |              | <b>↓</b> _   |  |  |
|              | 90   | <u>L</u>     | 1_                | _        | 1  | <u>.</u>   | ↓                                   | <u> </u> | _            |              |  |  |
|              | 91   | 1            | 1                 | 1_       | $\perp$  | $\perp$  |                                     | <u> </u> | -            | $\vdash$     |  |  |
|              | 92   | _            | 1                 | $\perp$  | 1  | <u> </u>   | _                                   | <u> </u> | <u> </u>     | $\vdash$     |  |  |
|              | 93   | 1            | _                 | $\perp$  | 1_   |  | 1_                                  | <u> </u> | L            | 1_           |  |  |
|              | 94   |              | L                 | $\perp$  | 1_   | 1  |                                     | _        | _            |              |  |  |
|              | 95   |              | L                 |          |  |  | $oldsymbol{\perp}$                  | <u> </u> | <u></u>      | 1.           |  |  |
|              | 96   | $\perp$      |                   | L        |  |  |                                     | L        | $oxed{oxed}$ | L            |  |  |
|              | 97   | $I^{-}$      |                   |          | Ţ  | L  |                                     | L        |              |              |  |  |
|              | 98   |              |                   |          |  |  |                                     | L        | L            | L            |  |  |
|              | 99   | 1            |                   |          | T  |  |                                     |          |              |              |  |  |
| _            | +  | +            | +                 | _        |  |  | _                                   |          | 1            | 4            |  |  |

100

| Claim    |   |                |          |                |              | Date       | <del></del>  | -          |          | $\neg$          |
|----------|---|----------------|----------|----------------|--------------|------------|--------------|------------|----------|-----------------|
|          |   |                |          |                |              |            |              |            |          |                 |
| ਲ        | Original  |                |          |                |              |            |              |            |          | - [             |
| Final    | rig   |                | - 1      | 1              |              |            |              |            |          | - 1             |
|          | 0   |                |          |                |              |            |              |            | -        | j               |
|          | 101   |                |          |                |              |            |              | -1         |          | _               |
|          | 102   |                | $\neg$   | _              |              | _          | <u> </u>     |            |          |                 |
|          | 103   |                | $\neg$   |                |              | _          |              |            |          | $\neg$          |
|          | 103<br>104<br>105   |                | _        |                |              |            | -            | -          |          |                 |
|          | 105   |                |          |                | -            | -          |              |            |          |                 |
|          | 106   |                |          | _              |              | -          |              | -          |          | -               |
|          | 106<br>107  | -              |          |                | -            | $\vdash$   | -            |            |          | $\dashv$        |
|          | 107   |                |          | -              | _            | -          | -            | -          |          | $\dashv$        |
|          | 108<br>109  |                | _        |                |              |            | -            |            |          | $\dashv$        |
|          | 110   | $\vdash$       |          |                | $\vdash$     |            | -            |            |          | $\dashv$        |
|          | 110   | -              |          |                |              | ├          | $\vdash$     |            |          |                 |
| ļ        | 111   | -              | <u> </u> |                |              |            | ├            | $\vdash$   | <u> </u> | $\dashv$        |
|          | 112   | -              | -        | $\vdash$       | -            |            | ├            | ├          | -        | $\dashv$        |
|          | 113   |                | -        | $\vdash$       |              | -          | -            | ├          |          | $\vdash$        |
|          | 114   |                | <u> </u> | -              | -            |            | 1            | -          | <u> </u> | H               |
|          | 115   | ├—             | <u> </u> | <u> </u>       | -            | $\vdash$   | ├—           | ├-         |          | $\vdash$        |
|          | 111<br>112<br>113<br>114<br>115<br>116<br>117                             | -              | <u> </u> | <u> </u>       | <b> </b>     | $\vdash$   | -            | <u> </u>   | -        | Н               |
|          | 11/   | _              |          | -              |              | $\vdash$   | <del> </del> |            | -        | Н               |
|          | 118   | L              | <u> </u> | ├              | <del> </del> | _          | ┝            | <u> </u>   | -        | $\vdash \vdash$ |
|          | 119   | ┡              |          | _              |              | ┡          | -            | <u> </u>   | -        |                 |
|          | 120   | <u> </u>       | <u> </u> | l —            | -            | <u> </u>   | ٠.           | 1_         | 1        |                 |
| <u> </u> | 121   | <u> </u>       | <u> </u> | ┢              | -            | <u> </u>   |              | ļ.         | -        |                 |
| ļ        | 122   | ₽              | <u> </u> | _              | <u> </u>     | ⊢          | -            | <u> </u>   | _        | $\vdash$        |
| L        | 123   | ļ              | <u> </u> |                | <u> </u>     | 1          | ⊢            | <b>├</b> - | _        | $\vdash$        |
|          | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | <del> </del> — |          | <u> </u>       |              | ļ          | 1            | -          | <u> </u> | $\vdash$        |
|          | 125   | ┡              |          |                |              |            | -            |            | ⊢        | Н               |
|          | 126   | -              | ļ        | ├              |              | ⊢          | ╀            | -          |          | $\vdash$        |
|          | 127   | ┡              | -        | -              | ┼            | $\vdash$   | -            |            |          | $\vdash$        |
|          | 128   | ├              | -        | -              |              | ┢          | ⊢            | -          | <u> </u> | Н               |
|          | 129   | ╄              | ļ        | <del> </del> — | 1            | ┾          | ┼-           | ├          | <u> </u> | Н               |
|          | 130<br>131  | _              | <u> </u> | <u> </u>       |              | -          | -            | ļ          | -        |                 |
|          | 131   |                | -        | 1_             | ┼            | -          | 1            | ļ.,        | -        | $\vdash$        |
|          | 132   | -              | ┞        | ļ              | ╙            | ┼          | ┼            | <b>├</b> - | ⊢        | H               |
| <u> </u> | 133   | ļ              | _        | <u> </u>       | -            | ╀          | ╄            | ╁          | ┾-       |                 |
|          | 134   |                | _        | ┼              | +-           | ╀          |              | <u> </u>   | 1—       | $\vdash$        |
|          | 135<br>136  | -              | -        | -              | ╄            | ┼-         | ╁            | -          | ╄        | $\vdash$        |
| <u> </u> | 136   | ₩              | ļ        | ┼              | +            | ⊢          | +-           | $\vdash$   | $\vdash$ | $\vdash$        |
|          | 137   | ├-             | $\vdash$ | ╀              | $\vdash$     | $\vdash$   | -            | ┼          | ╁        | $\vdash$        |
|          | 138   | 1              | ╁        | ╀              | ╆            | +          | +            | $\vdash$   | ╁-       | +-              |
|          | 139   | -              | ┢        | ┼-             | +-           | +          | +-           | 1-         | -        | $\vdash$        |
|          | 140   | +              | $\vdash$ | +              | 1-           | ╁          | +-           | +          | $\vdash$ | $\vdash$        |
| <u></u>  | 141   |                | +        | +-             | +            | +-         | +            | +          | +-       | $\vdash \dashv$ |
| <u> </u> | 142   |                | -        | $\vdash$       | +            | +          | +            | +          | $\vdash$ | $\vdash$        |
| <u> </u> | 143   | +              | +        | $\vdash$       | +-           | +          | ╁            | +-         | +-       | $\vdash$        |
|          | 144   | $\vdash$       | ┼        | $\vdash$       | +            | +          | +            | ⊢          | ┼        | H               |
| -        | 145   | 1              | ┼-       | $\vdash$       | -            | +          | +            | +-         | -        | $\vdash$        |
| <u></u>  | 146   | +              | -        | $\vdash$       | +            | +          | +-           | +-         | +        | $\vdash$        |
| <u> </u> | 147   | -              | 1        | -              | +            | +          | +-           | +          | +        | $\vdash$        |
|          | 148   | +-             | +-       | +              | ╄            | +-         | +            | +          | +        | $\vdash$        |
|          | 149   | +              | 1-       | $\vdash$       | +            | +          | +-           | +-         | +        | $\vdash$        |
| L        | 150   | L              | <u>L</u> |                | _            | <u>L</u> . | 1.           | 1_         | L        | <u>1 i</u>      |